

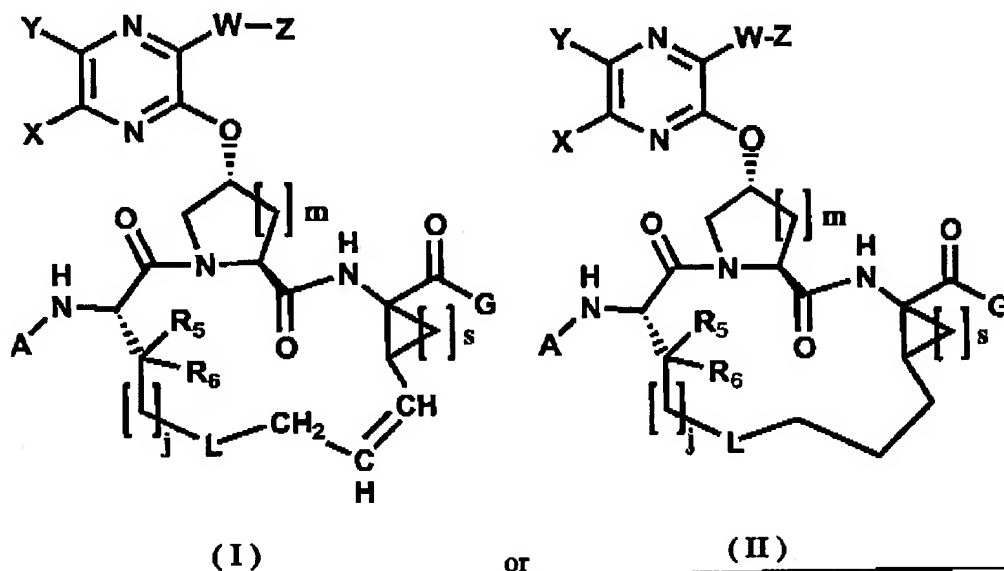
Application No. 10/826,743
 Amendment dated May 1, 2006
 Reply to Office Action of February 1, 2006

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AMENDMENTS TO THE CLAIMS

1. (Currently amended) A compound of Formula I or II:



A is independently selected from hydrogen; $-(C=O)-O-R_1$, $-(C=O)-R_2$, $-(C=O)-NH-R_2$, $-C(=S)-NH-R_2$, or $-S(O)_2-R_2$;

G is independently selected from $-OH$, $-O-(C_1-C_{12} \text{ alkyl})$, $-NHS(O)_2-R_1$, $-(C=O)-R_2$, $-(C=O)-O-R_1$, or $-(C=O)-NH-R_2$;

L is independently selected from $-S-$, $-SCH_2-$, $-SCH_2CH_2-$, $-S(O)_2-$, $-S(O)_2CH_2CH_2-$, $-S(O)-$, $-S(O)CH_2CH_2-$, $-O-$, $-OCH_2-$, $-OCH_2CH_2-$, $-(C=O)-CH_2-$, $-CH(CH_3)CH_2-$, $-CFHCH_2-$, or $-CF_2CH_2-$;

X and Y taken together with the carbon atoms to which they are attached form a cyclic moiety selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

W is absent, or independently selected from $-O-$, $-S-$, $-NH-$, $-C(O)NR_1-$ or $-NR_1-$;

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Z is independently selected from hydrogen; -CN, -SCN, -NCO, -NCS, -NHNH₂, -N₃, halogen, -R₄, -C₃-C₁₂ cycloalkyl, substituted -C₃-C₁₂ cycloalkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocycloalkyl, substituted heterocycloalkyl, and -NH-N=CH(R₁);

Each R₁ is independently selected from hydrogen, C₁-C₆ alkyl, substituted C₁-C₆ alkyl, C₁-C₆ alkenyl, substituted C₁-C₆ alkenyl, C₁-C₆ alkynyl, substituted C₁-C₆ alkynyl, C₃-C₁₂ cycloalkyl, substituted C₃-C₁₂ cycloalkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, heteroaryl, substituted heteroaryl, heteroarylalkyl, substituted heteroarylalkyl, heterocycloalkyl, or substituted heterocycloalkyl;

Each R₂ is independently selected from hydrogen, C₁-C₆ alkyl, C₁-C₆ alkyl, substituted C₁-C₆ alkyl, C₁-C₆ alkenyl, substituted C₁-C₆ alkenyl, C₁-C₆ alkynyl, substituted C₁-C₆ alkynyl, C₃-C₁₂ cycloalkyl, substituted C₃-C₁₂ cycloalkyl, alkylamino, dialkylamino, arylamino, diarylamino, aryl, substituted aryl, arylalkyl, substituted arylalkyl, heteroaryl, substituted heteroaryl, heteroarylalkyl, substituted heteroarylalkyl, heterocycloalkyl, or substituted heterocycloalkyl;

Each R₄ is independently selected from:

- (i) -C₁-C₆ alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
- (ii) -C₂-C₆ alkenyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; or
- (iii) -C₂-C₆ alkynyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

R₅ and R₆ are each independently selected from hydrogen or methyl;

each R₇ and R₈ is independently selected from:

- (i) -C₁-C₆ alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

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(ii) -C₂-C₆ alkenyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; or

(iii) -C₂-C₆ alkynyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituent selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

j = 0, 1, 2, 3, or 4;

m = 0, 1, or 2;

s = 0, 1 or 2;

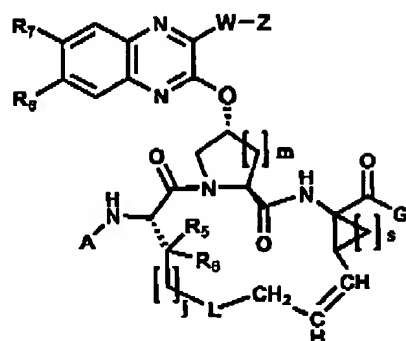
wherein each substituted alkyl, substituted alkenyl, substituted alkynyl, substituted aryl, substituted arylalkyl, substituted heteroaryl, substituted C₃-C₁₂-cycloalkyl, substituted heterocycloalkyl, and substituted heteroarylalkyl may independently replace one, two or three of the hydrogen atoms thereon with F, Cl, Br, I, OH, NO₂, CN, C₁-C₆-alkyl-OH, C(O)-C₁-C₆-alkyl, OCH₂-C₃-C₁₂-cycloalkyl, C(O)H, C(O)-aryl, C(O)-heteroaryl, CO₂-alkyl, CO₂-aryl, CO₂-heteroaryl, CONH₂, CONH-C₁-C₆-alkyl, CONH-aryl, CONH-heteroaryl, OC(O)-C₁-C₆-alkyl, OC(O)-aryl, OC(O)-heteroaryl, OCO₂-alkyl, OCO₂-aryl, OCO₂-heteroaryl, OCONH₂, OCONH-C₁-C₆-alkyl, OCONH-aryl, OCONH-heteroaryl, NHC(O)H, NHC(O)-C₁-C₆-alkyl, NHC(O)-aryl, NHC(O)-heteroaryl, NHCO₂-alkyl, NHCO₂-aryl, NHCO₂-heteroaryl, NHCONH₂, NHCONH-C₁-C₆-alkyl, NHCONH-aryl, NHCONH-heteroaryl, SO₂-C₁-C₆-alkyl, SO₂-aryl, SO₂-heteroaryl, SO₂NH₂, SO₂NH-C₁-C₆-alkyl, SO₂NH-aryl, SO₂NH-heteroaryl, C₁-C₆-alkyl, C₃-C₁₂-cycloalkyl, CF₃, CH₂CF₃, CHCl₂, CH₂NH₂, CH₂SO₂CH₃, C₁-C₆ alkyl, halo alkyl, C₃-C₁₂ cycloalkyl, substituted C₃-C₁₂ cycloalkyl, aryl, substituted aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocycloalkyl, benzyl, benzyloxy, aryloxy, heteroaryloxy, C₁-C₆-alkoxy, methoxymethoxy, methoxyethoxy, amino, benzylamino, arylamino, heteroarylamino, C₁-C₃-alkylamino, di-C₁-C₃-alkylamino, thio, aryl-thio, heteroarylthio, benzyl-thio, C₁-C₆-alkyl-thio, or methylthiomethyl.

2. (Original) The compound of claim 1, wherein the compound is of Formula III :

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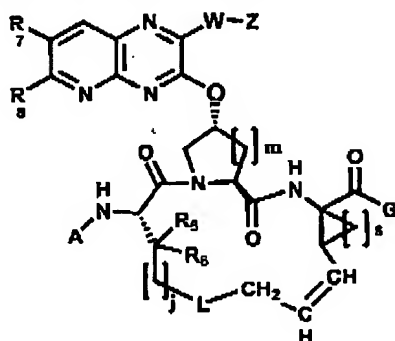
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(III)

wherein R_7 and R_8 are independently selected from R_4 as defined in claim 1.

3. (Original) The compound of claim 1, wherein the compound is of Formula IV:



(IV)

wherein R_7 and R_8 are independently selected from R_4 as defined in claim 1.

4. (Original) A compound according to any one of claims 1-3, wherein W is absent and Z is thiophenyl.

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5. (Original) A compound according to any one of claims 1-3, wherein W is $-\text{CH}=\text{CH}-$ and Z is thiophenyl.

6. (Original) A compound according to claim 1 which is selected from:

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and $\text{R}_5 = \text{R}_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-(formamido)-thiazol-4-yl, j = 3, m = s = 1, and $\text{R}_5 = \text{R}_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = ethyl, j = 3, m = s = 1, and $\text{R}_5 = \text{R}_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = phenyl, j = 3, m = s = 1, and $\text{R}_5 = \text{R}_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 4-methoxyphenyl, j = 3, m = s = 1, and $\text{R}_5 = \text{R}_6 = \text{hydrogen}$;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 4-ethoxyphenyl, j = 3, m = s = 1, and $\text{R}_5 = \text{R}_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 5-bromothiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-pyrid-3-yl ethylenyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 3,4-Dimethoxy-phenyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-thiophen-2-yl ethylenyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Z = indole-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 1H-indol-3-yl methyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = furan-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 1H-benzoimidazol-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 1H-imidazol-2-ylmethyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OEt, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = chloro, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, Z = thiophen-3-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2-pyrid-3-yl acetylenyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = 2, 3-dihydrobenzofuran-5-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -NH-, Z = propargyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

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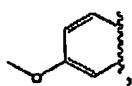
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -N(ethyl)-, Z = benzyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

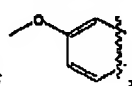
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -NH-, Z = pyrid-3-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = tetrazolyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = morpholino, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W = -O-, Z = thiophen-3-yl-methyl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

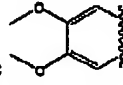
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

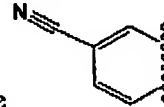
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

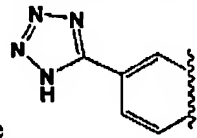
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
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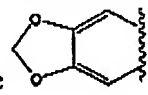
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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

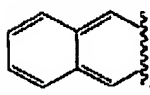
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

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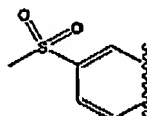
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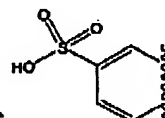
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

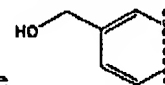
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

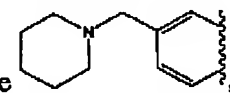
Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are , W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

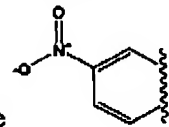
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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

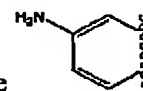
with the carbon atoms to which they are attached are
thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;



, W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

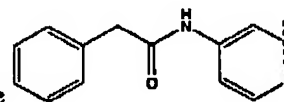
with the carbon atoms to which they are attached are
thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;



, W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

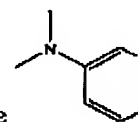
with the carbon atoms to which they are attached are
absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;



, W is

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

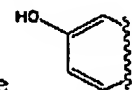
with the carbon atoms to which they are attached are
thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;



, W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are
thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;



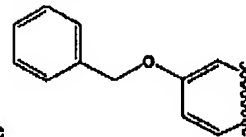
, W is absent, Z =

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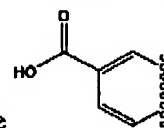
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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together



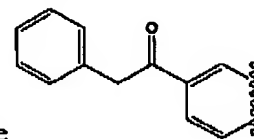
with the carbon atoms to which they are attached are
= thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; W is absent, Z

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together



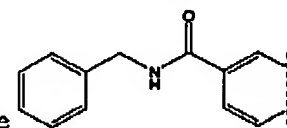
with the carbon atoms to which they are attached are
thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together



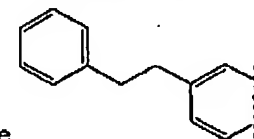
with the carbon atoms to which they are attached are
= thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; W is absent, Z

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together



with the carbon atoms to which they are attached are
absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; W is

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together



with the carbon atoms to which they are attached are
= thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; W is absent, Z

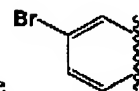
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Compound of Formula I, wherein A = tBOC, G = OEt, L = absent, X and Y taken together

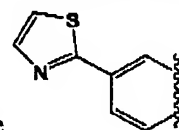
with the carbon atoms to which they are attached are
thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 = \text{hydrogen}$;



, W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

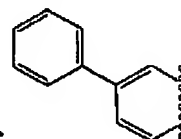
with the carbon atoms to which they are attached are
thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 = \text{hydrogen}$;



, W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

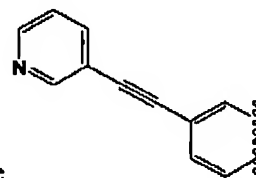
with the carbon atoms to which they are attached are
thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 = \text{hydrogen}$;



, W is absent, Z =

Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together

with the carbon atoms to which they are attached are
Z = thiophen-2-yl, $j = 3$, $m = s = 1$, $R_5 = R_6 = \text{hydrogen}$;



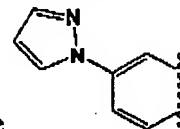
, W is absent,

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Compound of Formula I, wherein A = tBOC, G = OH, L = absent, X and Y taken together




with the carbon atoms to which they are attached are
 thiophen-2-yl, j = 3, m = s = 1, R₅ = R₆ = hydrogen; W is absent, Z =

Compound of Formula I, wherein A = -(C=O)-O-R¹, wherein R¹ = cyclopentyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;


Compound of Formula I, wherein A = -(C=O)-O-R¹, wherein R¹ = cyclobutyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = -(C=O)-O-R¹, wherein R¹ = cyclohexyl, G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;



Compound of Formula I, wherein A = -(C=O)-O-R¹, wherein R¹ = , G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

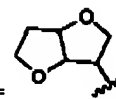


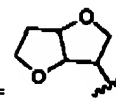
Compound of Formula I, wherein A = -(C=O)-O-R¹, wherein R¹ = , G = OH, L = absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

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Compound of Formula I, wherein $A = -(C=O)-O-R^1$, wherein $R^1 =$ , $G = OH$, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O)-R^1$, wherein $R^1 =$ cyclopentyl, $G = OH$, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O)-NH-R^1$, wherein $R^1 =$ cyclopentyl, $G = OH$, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=S)-NH-R^1$, wherein $R^1 =$ cyclopentyl, $G = OH$, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -S(O)_2-R^1$, wherein $R^1 =$ cyclopentyl, $G = OH$, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 =$ cyclopentyl, $G = -O-$ phenethyl, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 =$ cyclopentyl, $G = -NH-$ phenethyl, $L =$ absent, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$ thiophen-2-yl, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$ hydrogen;

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Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 = \text{cyclopentyl}$, $G = -NHS(O)$
2-phenethyl $L = \text{absent}$, X and Y taken together with the carbon atoms to which they are
attached are phenyl, W is absent, $Z = \text{thiophen-2-yl}$, $j = 3$, $m = s = 1$, and $R_5 = R_6 =$
hydrogen;

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 = \text{cyclopentyl}$, $G = -(C=O)-OH$,
 $L = \text{absent}$, X and Y taken together with the carbon atoms to which they are attached are
phenyl, W is absent, $Z = \text{thiophen-2-yl}$, $j = 3$, $m = s = 1$, and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 = \text{cyclopentyl}$, $G =$
 $-(C=O)-O\text{-phenethyl}$, $L = \text{absent}$, X and Y taken together with the carbon atoms to
which they are attached are phenyl, W is absent, $Z = \text{thiophen-2-yl}$, $j = 3$, $m = s = 1$, and
 $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 = \text{cyclopentyl}$, $G =$
 $-(C=O)-NH\text{-phenethyl}$, $L = \text{absent}$, X and Y taken together with the carbon atoms to
which they are attached are phenyl, W is absent, $Z = \text{thiophen-2-yl}$, $j = 3$, $m = s = 1$, and
 $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = -(C=O)-O-R^1$, $R^1 = \text{cyclopentyl}$, $G =$
 $-(C=O)-NH-S(O)_2\text{-benzyl}$, $L = \text{absent}$, X and Y taken together with the carbon atoms
to which they are attached are phenyl, W is absent, $Z = \text{thiophen-2-yl}$, $j = 3$, $m = s = 1$,
and $R_5 = R_6 = \text{hydrogen}$;

Compound of Formula I, wherein $A = t\text{BOC}$, $G = OH$, $L = -(C=O)CH_2-$, X and Y taken
together with the carbon atoms to which they are attached are phenyl, W is absent, $Z =$
 thiophen-2-yl , $j = 3$, $m = s = 1$, and $R_5 = R_6 = \text{hydrogen}$;

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Compound of Formula I, wherein A = tBOC, G = OH, L = $-\text{CH}(\text{CH}_3)\text{CH}_2-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = $-\text{O}-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, R₅ = methyl, and R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = $-\text{S}-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, R₅ = methyl, and R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = $-\text{S}(\text{O})-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, R₅ = methyl, and R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = $-\text{S}(\text{O})_2-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, R₅ = methyl, and R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = $-\text{SCH}_2\text{CH}_2-$, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, R₅ = methyl, and R₆ = hydrogen;

Compound of Formula I, wherein A = tBOC, G = OH, L = CF_2CH_2- , X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen; and

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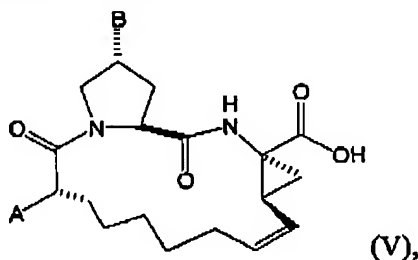
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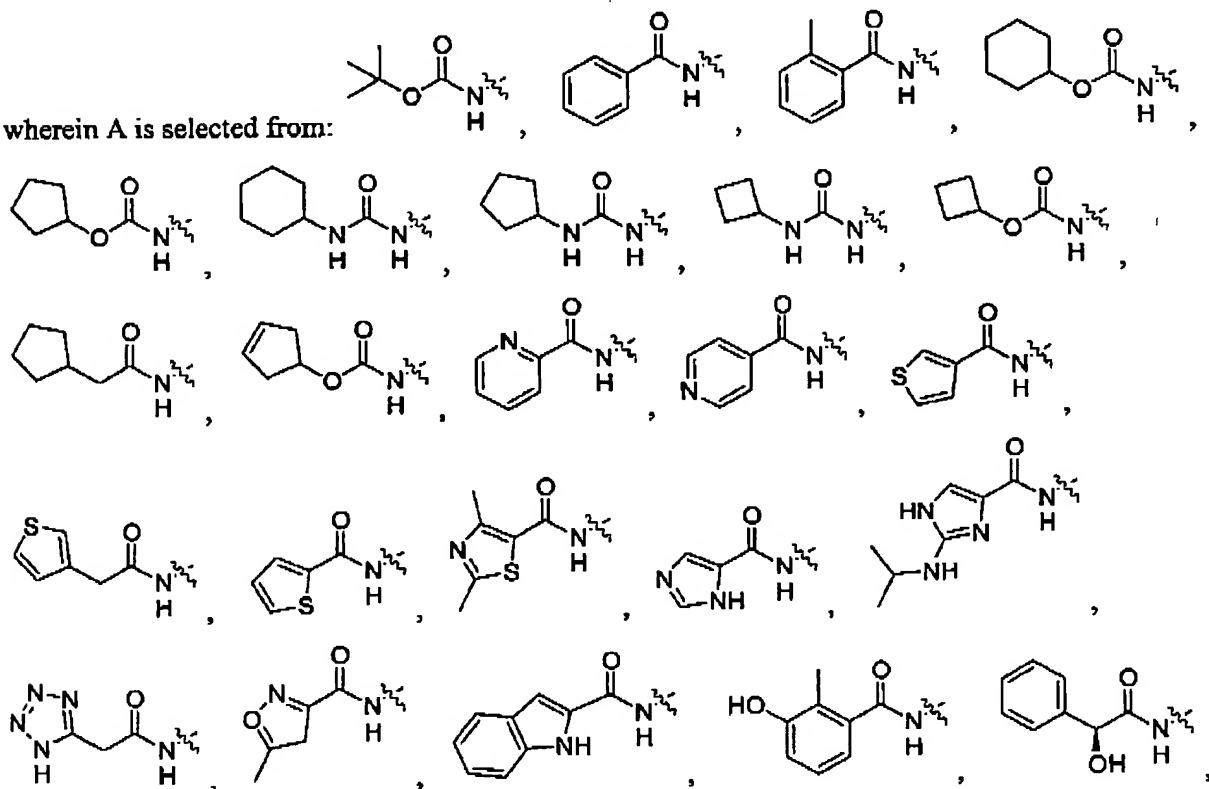
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Compound of Formula I, wherein A = tBOC, G = OH, L = -CHFCH₂-, X and Y taken together with the carbon atoms to which they are attached are phenyl, W is absent, Z = thiophen-2-yl, j = 3, m = s = 1, and R₅ = R₆ = hydrogen.

7. (Previously presented) A compound of Formula V:



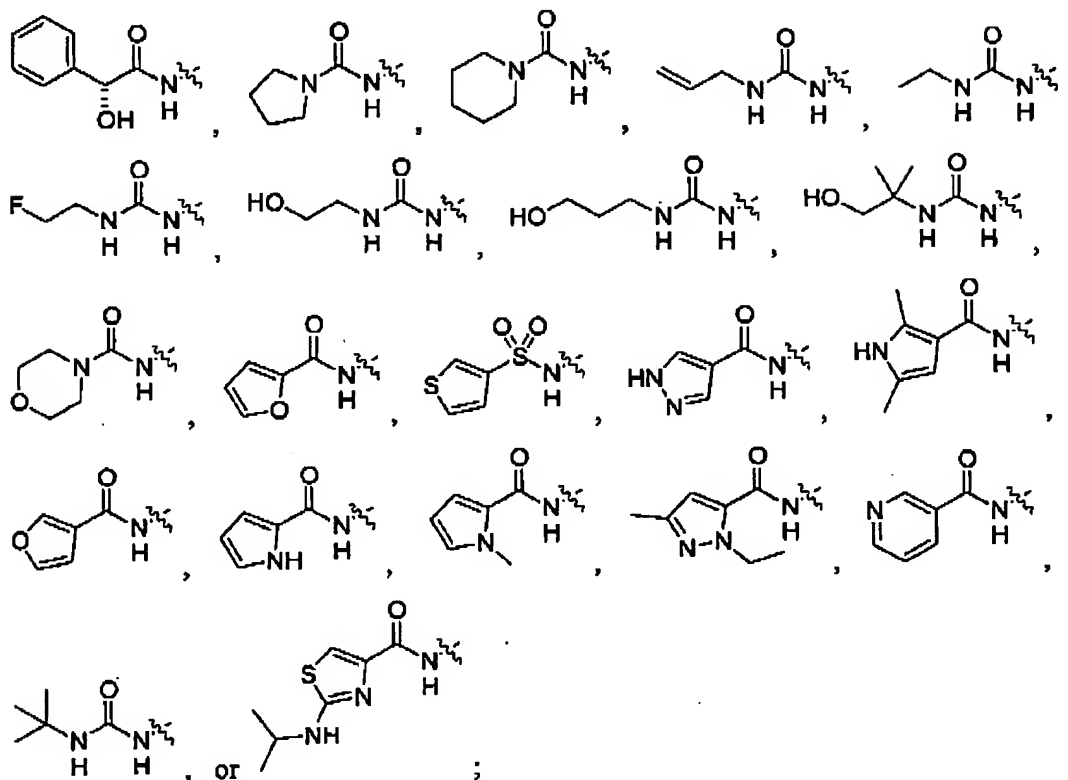
wherein A is selected from:



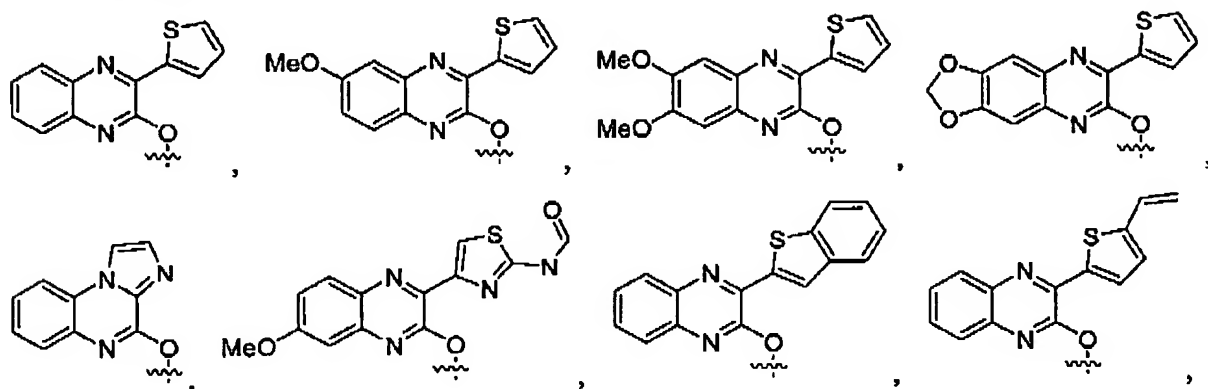
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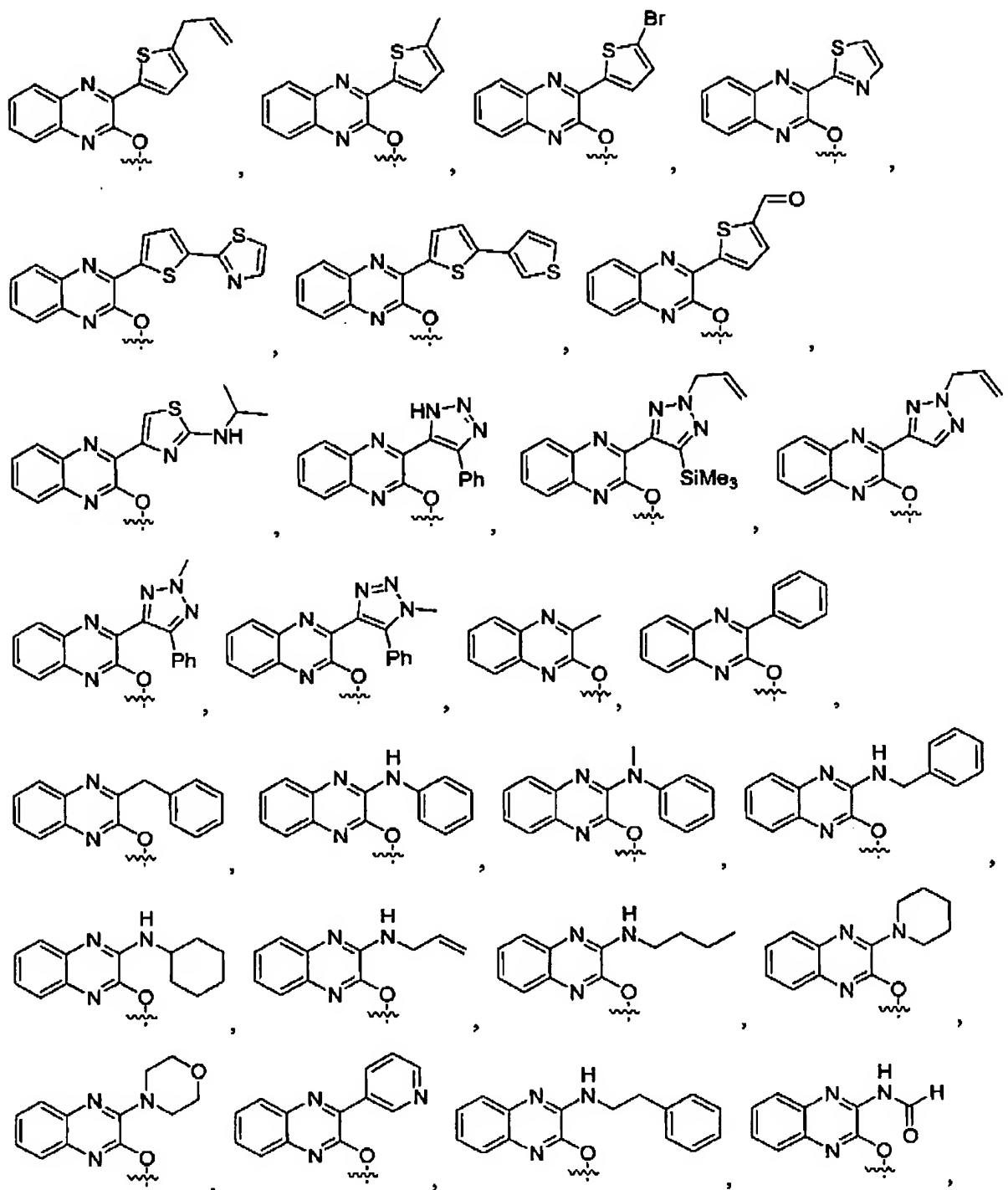
and B is selected from:



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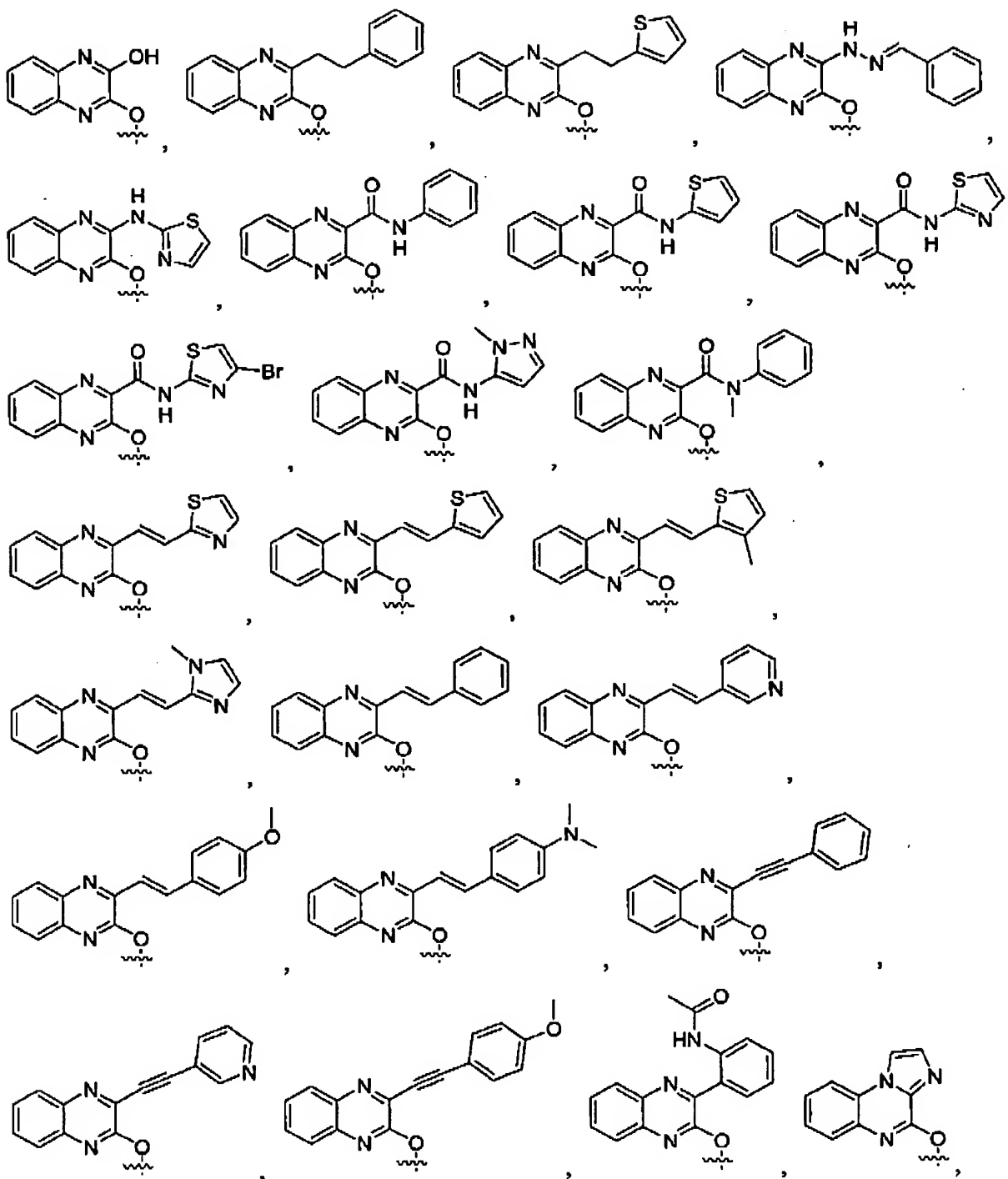
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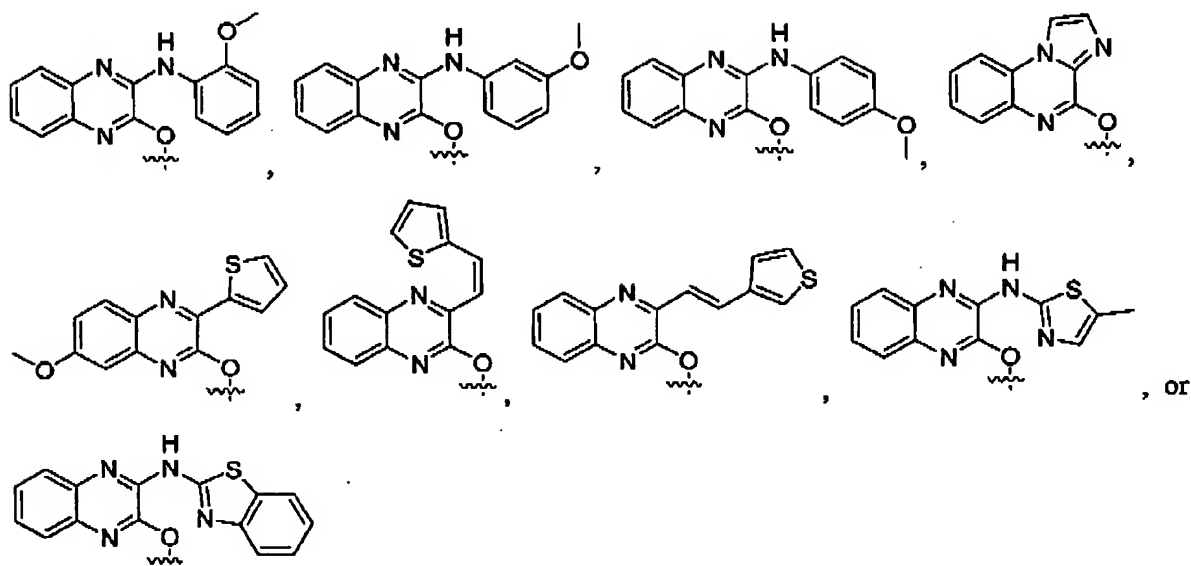
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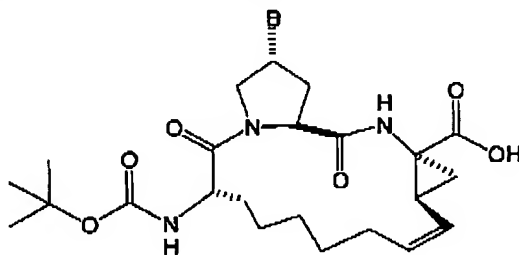
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8. (Previously presented) A compound of claim 7 selected from the following compounds: .

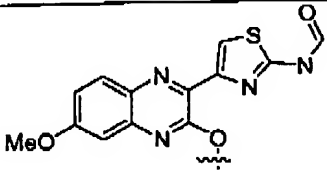
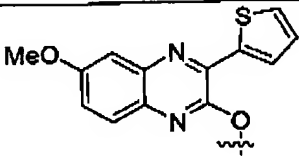
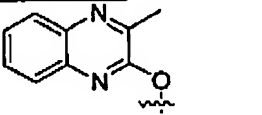
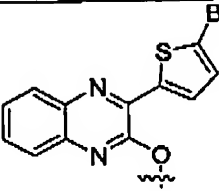
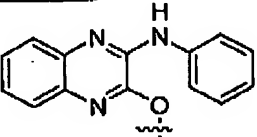
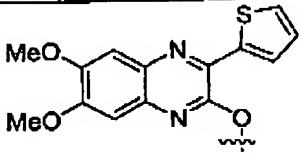
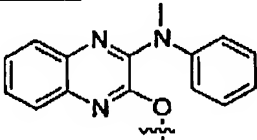
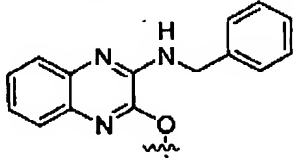
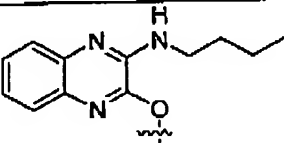
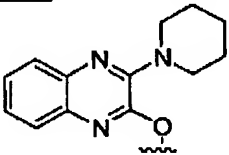
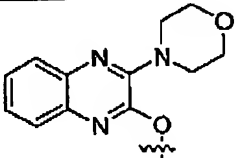
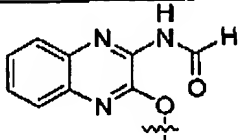
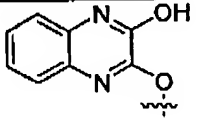
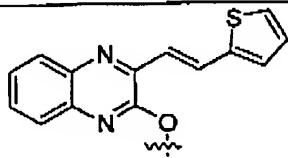


Compound	B	Compound	B
101301		101358	

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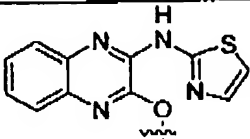
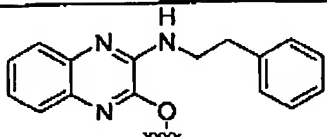
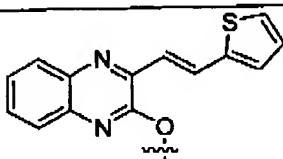
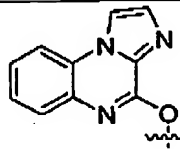
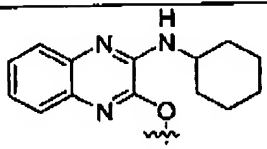
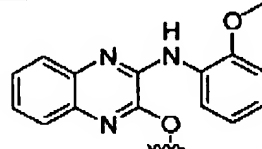
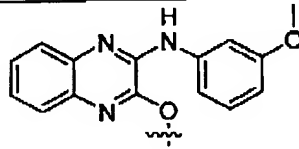
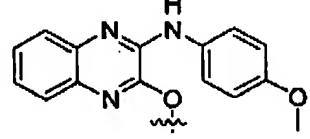
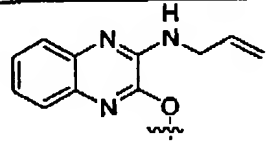
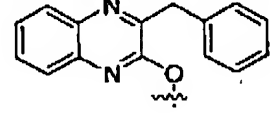
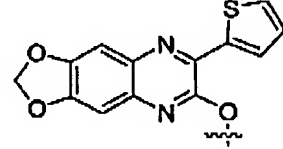
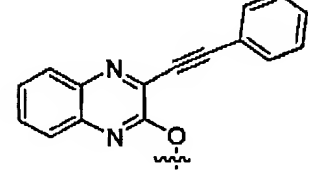
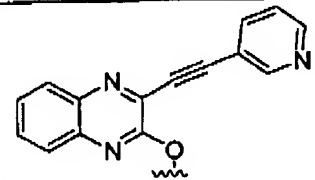
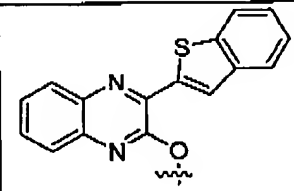
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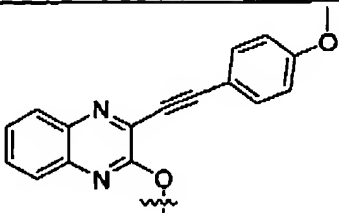
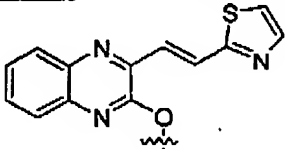
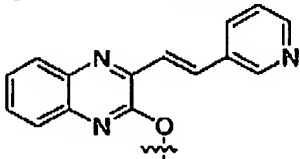
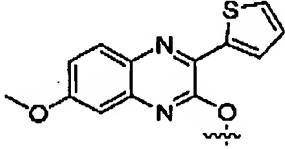
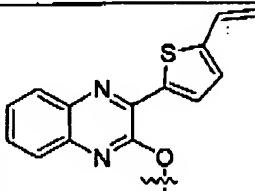
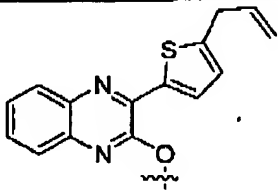
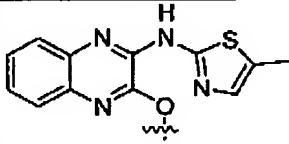
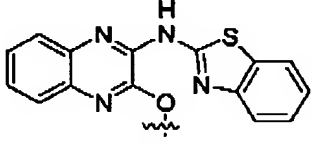
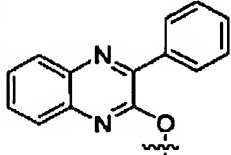
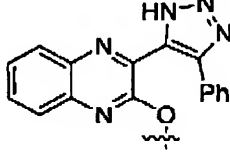
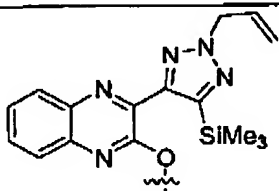
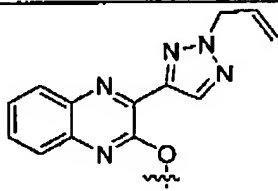
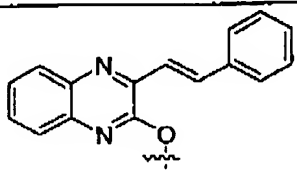
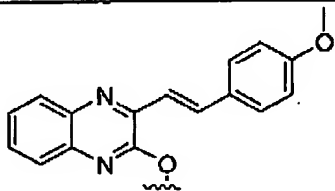
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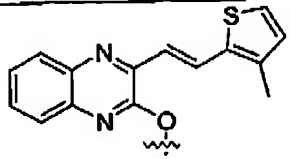
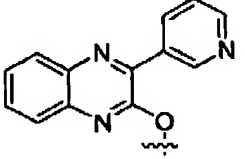
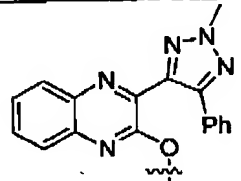
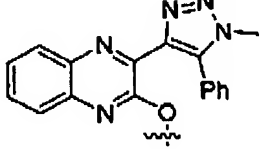
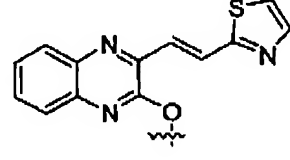
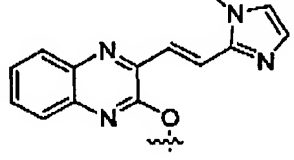
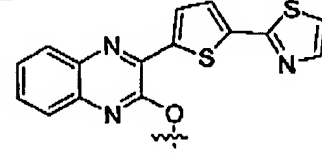
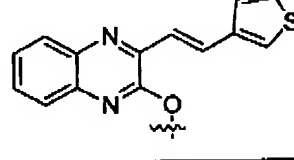
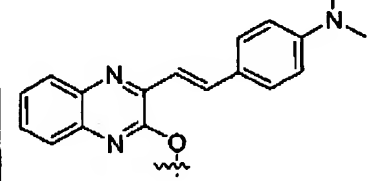
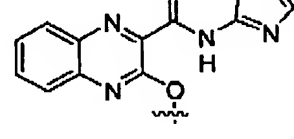
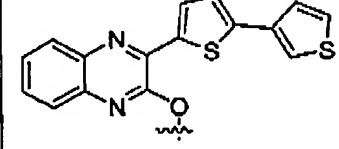
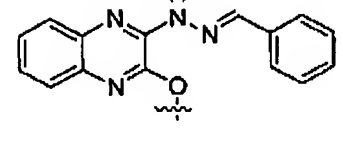
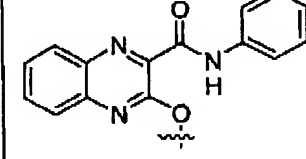
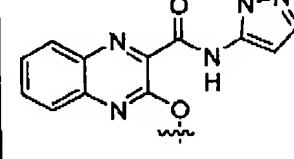
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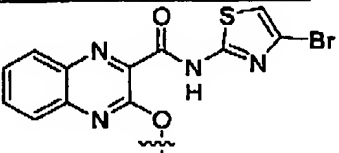
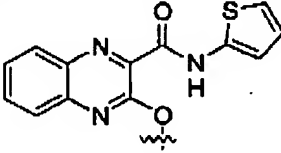
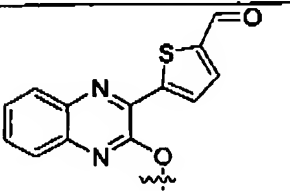
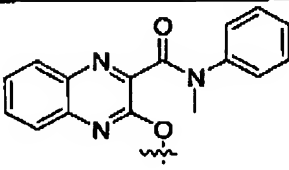
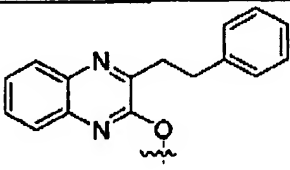
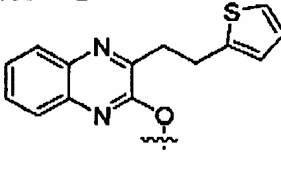
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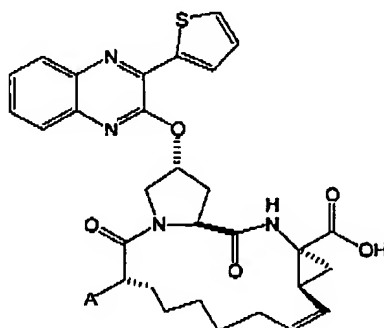
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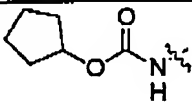
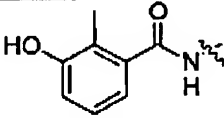
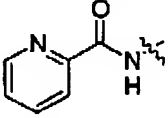
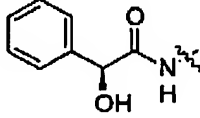
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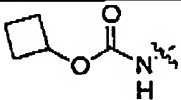
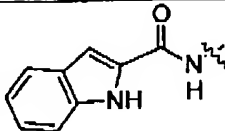
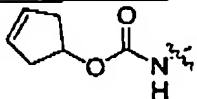
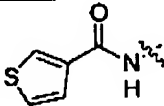
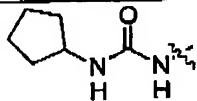
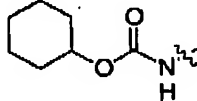
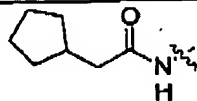
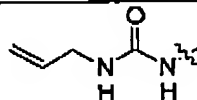
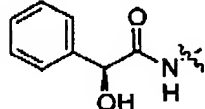
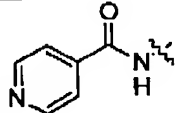
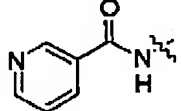
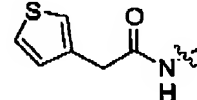
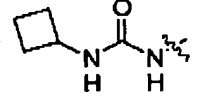
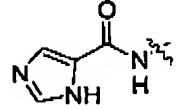
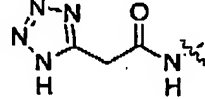
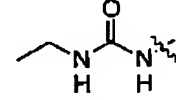
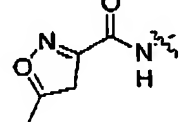
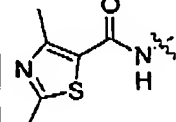
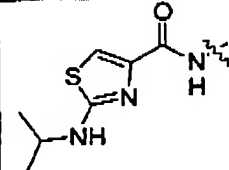
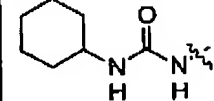


Compound	A	Compound	A
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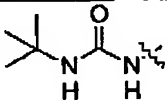
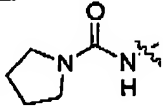
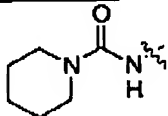
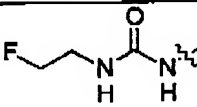
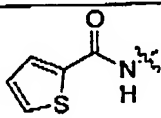
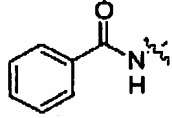
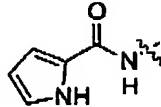
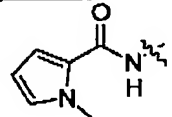
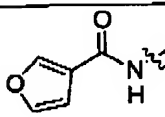
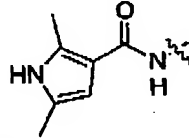
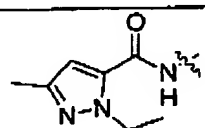
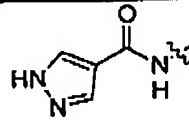
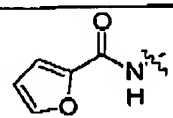
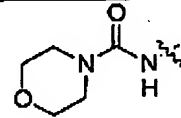
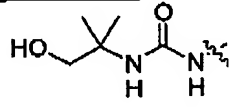
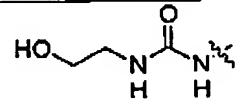

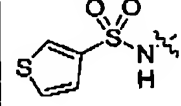
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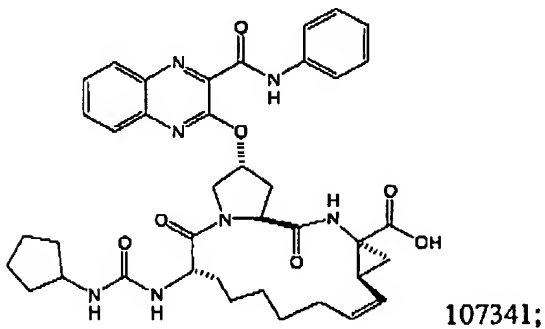
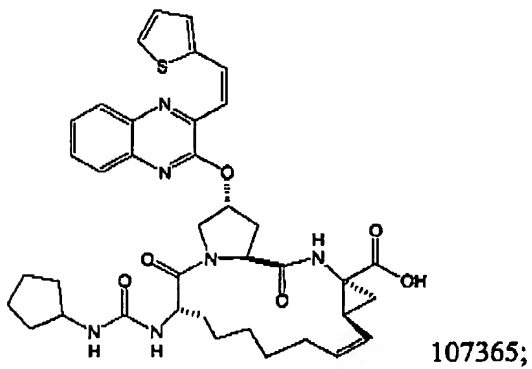
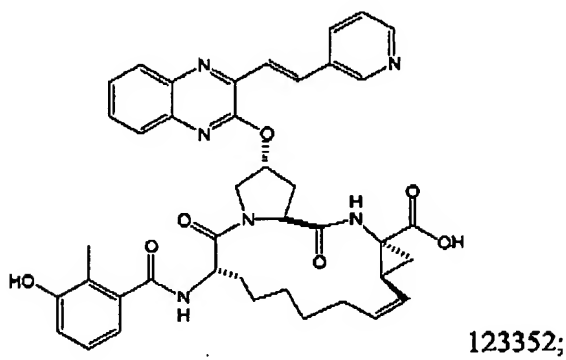
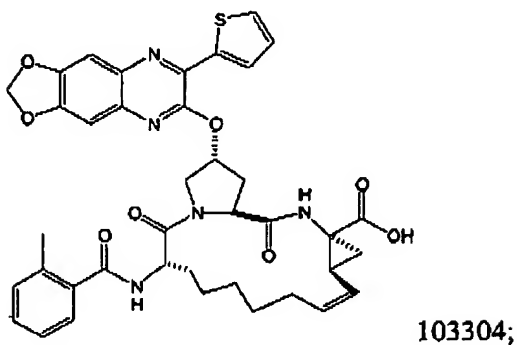
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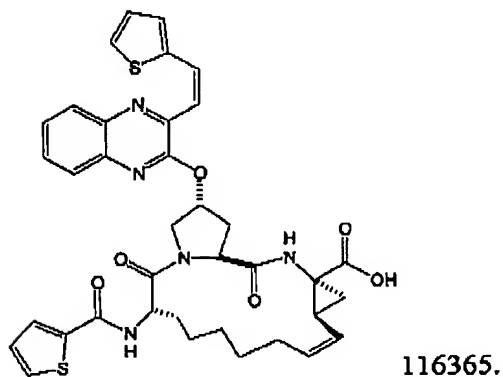
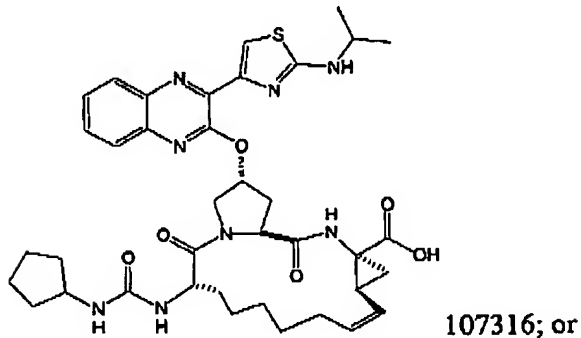
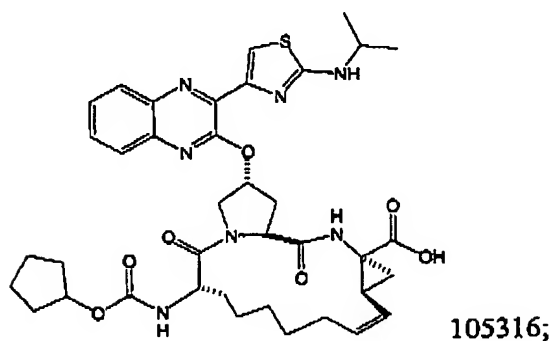
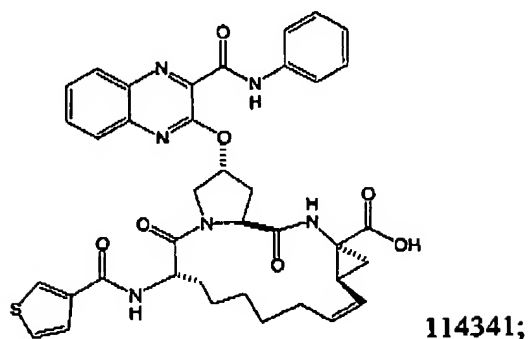
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9. (Original) A pharmaceutical composition comprising an inhibitory amount of a compound according to claim 1 or 7 alone or in combination with a pharmaceutically acceptable carrier or excipient.
10. (Original) A method of treating a hepatitis C viral infection in a subject, comprising administering to the subject an inhibitory amount of a pharmaceutical composition according to claim 9.
11. (Original) A method of inhibiting the replication of hepatitis C virus, the method comprising supplying a hepatitis C viral NS3 protease inhibitory amount of the pharmaceutical composition of claim 9.
12. (Original) The method of claim 10 further comprising administering concurrently an additional anti-hepatitis C virus agent.
13. (Original) The method of claim 12, wherein said additional anti-hepatitis C virus agent is selected from the group consisting of: α -interferon, β -interferon, ribavarin, and adamantine.
14. (Original) The method of claim 12, wherein said additional anti-hepatitis C virus agent is an inhibitor of hepatitis C virus helicase, polymerase, metalloprotease, or IRES.